2016
Major Automated Information System
Annual Report

Targeting

Battle Command

SIGINT

Motion Imagery

Geospatial

Operational Value
One Workstation
One Security Login
Integrated Multi-INT PED
Streamline Enterprise Collaboration
Multi-Security Level across 5 Networks
Direct Interface to Army and Joint BC

IMINT / MTI

Asset Tracking

IST Sync

5 Security Level

Situational Awareness

3D Map – Google Maps

HUMINT

Weather

Distributed Common Ground System - Army Increment 2 (DCGS-A Inc 2)

Defense Acquisition Management
Information Retrieval
(DAMIR)

Table of Contents

Common Acronyms and Abbreviations for MAIS Programs

Acq O&M - Acquisition-Related Operations and Maintenance
ADM - Acquisition Decision Memorandum
AoA - Analysis of Alternatives
ATO - Authority To Operate
APB - Acquisition Program Baseline
BY - Base Year
CAE - Component Acquisition Executive
CDD - Capability Development Document
CPD - Capability Production Document
DAE - Defense Acquisition Executive
DoD - Department of Defense
DoDAF - DoD Architecture Framework
FD - Full Deployment
FDD - Full Deployment Decision
FY - Fiscal Year
IA - Information Assurance
IATO - Interim Authority to Operate
ICD - Initial Capability Document
IEA - Information Enterprise Architecture
IOC - Initial Operational Capability
IP - Internet Protocol
IT - Information Technology
KPP - Key Performance Parameter
$M - Millions of Dollars
MAIS - Major Automated Information System
MAIS OE - MAIS Original Estimate
MAR – MAIS Annual Report
MDA - Milestone Decision Authority
MDD - Materiel Development Decision
MILCON - Military Construction
MS - Milestone
N/A - Not Applicable
O&S - Operating and Support
OSD - Office of the Secretary of Defense
PB - President's Budget
RDT&E - Research, Development, Test, and Evaluation
SAE - Service Acquisition Executive
TBD - To Be Determined
TY - Then Year
U.S.C- United States Code
USD(AT&L) - Under Secretary of Defense for Acquisition, Technology, & Logistics

Program Information

Program Name

Distributed Common Ground System - Army Increment 2 (DCGS-A Inc 2)

DoD Component

Army

Responsible Office

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References

MAIS Original Estimate

This investment does not have an approved program baseline; therefore, no Original Estimate has been established.

Program Description

Distributed Common Ground System–Army (DCGS-A) is the Army Service component of the DoD DCGS Family of Systems and the Defense Intelligence Information Enterprise (DI2E). DCGS-A is the Army's primary system for Intelligence, Surveillance and Reconnaissance (ISR) tasking of sensors, posting of data, processing of information, and using intelligence information about threat, weather, and terrain at all echelons. DCGS-A provides the capabilities necessary for Commanders to access information, task organic sensors, and synchronize non-organic sensor assets with their organic assets. DCGS-A continuously acquires and synthesizes data from Joint, Interagency, Intergovernmental, and Multi-national sources that permits the Modular Force to maintain an updated and accurate understanding of the operational environment. It facilitates rapid planning, execution, and synchronization of all warfighting functions, providing the capability to operate within the enemy's decision cycle.

DCGS-A Increment 1 is the ISR foundation layer from which Increment 2 is developing increased capabilities. With a planned MS B in FY 2016, Increment 2 will bring new and enhanced capabilities to meet current and emerging warfighter needs. Increment 2 will be Intelligence Community Information Technology Enterprise, DI2E and Joint Information Environment compliant. It will provide enhanced visualization and ease of use. Increment 2 will incorporate new Data Architecture and advanced analytic capabilities. Increment 2 will provide additional capabilities to enhance Intelligence processing and fusion across Intelligence domains.

Business Case

Business Case Analysis, including the Analysis of Alternatives: The Joint Requirements Oversight Council approved a DCGS-A IS CDD on July 7, 2015. A Requirements Definition Package will be developed to support this increment and aligned with the business case.

Firm, Fixed Price Feasibility: The determination of the contract type will be based on cost risk associated with the estimated cost of satisfying the requirement, not any lack of clarity of the technical requirement. When making the selection of contract type to execute the program's next acquisition phase, the MDA will choose between fixed-price and cost-type contracts consistent with the level of cost risk associated with the effort.

Independent Cost Estimate: An Army cost position will be developed to support this program.

Certification of Business Case Alignment; Explanation: A business case for DCGS-A Inc 2 has not yet been completed, thus it is premature to certify that the technical and business requirements have been reviewed and validated to ensure alignment with the business case.

Business Case Changes

Updated requirements document: IS CDD JROC approve on July 7, 2015

Program Status

No Baseline: This Automated Information System investment has not yet been baselined. The information provided herein is appropriate to the current status of the program. No Original Estimate is being established by this report.

Following a Defense Acquisition Board review in April 2015, the DAE signed an MDD dated October 9, 2015, which approved the program's entry into the Material Solution Analysis Phase. The DCGS-A Increment 2 Milestone B decision review is planned for FY2016 to baseline this effort.

Schedule

This investment does not have an approved program baseline. Therefore, the information provided here does not constitute an Original Estimate.

Memo

The Developmental Request for Proposal was approved for release December 22, 2015, which serves as the Preferred Alternative selection date and started the five year development clock. A Competitive Contract Award is planned for FY 2016.

Performance

This investment does not have an approved program baseline. Therefore, the information provided here does not constitute an Original Estimate.

No Key Performance Parameters have been approved for DCGS-A Inc 2.

Memo

Information System CDD approved by Joint Requirements Oversight Council on July 7, 2015.

Funding

This investment does not have an approved program baseline. Therefore, the information provided here does not constitute an Original Estimate. The following funding data is extracted from the FY 2017 President's Budget documentation.

DCGS-A Inc 2				
Fiscal Year	**RDT&E (TY $M)**	**Procurement (TY $M)**	**MILCON (TY $M)**	**Acq O&M (TY $M)**
2016	16.7	0.0	0.0	0.0
2017	32.5	0.0	0.0	0.0
2018	39.7	0.0	0.0	0.0
2019	50.9	0.0	0.0	0.0